

IN THE CLAIMS

This is a complete and current listing of the claims, marked with status identifiers in parentheses. The following listing of claims will replace all prior versions and listings of claims in the application.

1. (Currently Amended) Device for ~~detecting~~determining the a possible presence of contamination of a container with a decorative exterior, ~~for instance provided with a labelling and/or relief patterns, for liquids such as a drink such as beer or a soft drink,~~ comprising:

—irradiating means for irradiating the container with at least a first wavelength,

—recording means for recording a radiation sample of radiation during interaction of the radiation with at least a part of the container,

—orientation determining means for determining ~~the~~an orientation of the container relative to the first recording means, and

—comparing means for comparing the sample to a ~~predetermined~~—reference matching the orientation of the container relative to the first recording means during the recording to determine the possible presence of contamination.

2. (Original) Device as claimed in claim 1, comprising second irradiating means for emitting radiation of at least a second wavelength.

3. (Currently Amended) Device as claimed in claim 1—or 2, comprising second recording means for determining, by ~~means~~ way of a second recording, the orientation of the container relative to the first recording means on the basis of the mutual positions and orientations of the first recording

means, the second recording means and the container at the time of the first and second recording.

4. (Currently Amended) Device as claimed in ~~one or more of the foregoing claims~~ claim 1, wherein the orientation determining means comprise recording means for making ~~one or more recordings~~ at least one recording for the purpose of determining the orientation of the container relative to the first recording means on the basis of the mutual position and orientation of the recording means and the container at the time of the at least one recording ~~recording(s)~~.

5. (Currently Amended) Device as claimed in ~~claim 2~~ one or more of the foregoing claims, comprising filter means for making recordings in optically independent manner with the recording means on the basis of radiation of the first or of the second wavelength.

6. (Currently Amended) Device as claimed in ~~claim 1~~ one or more of the foregoing claims, comprising polarizing means for polarizing radiation of the ~~first and/or the second~~ irradiating means.

7. (Currently Amended) Device as claimed in ~~claim 1~~ one or more of the foregoing claims, wherein the first radiation sources are positioned behind the container relative to the container during making of the recording wherein the radiation irradiates the container.

8. (Currently Amended) Device as claimed in ~~claim 1~~ one or more of the foregoing claims, comprising selecting means for selecting a part of the recording of a part of the container as assessment part, on the basis of which part the assessment is carried out.

9. (Currently Amended) Device as claimed in claim 1 or
~~more of the foregoing claims~~, wherein the recording means
comprise at least one camera.

10. (Currently Amended) Device as claimed in claim
~~5~~~~one or more of the foregoing claims 4-9~~, wherein the filter
means comprise an optical filter.

11. (Currently Amended) Device as claimed in ~~one or
more of the foregoing claims 4-10~~ claim 5, wherein the filter
means comprise an electronic filter.

12. (Currently Amended) Device as claimed in claim
~~1~~~~one or more of the foregoing claims~~, further comprising
composing means for composing, on the basis of ~~the~~ at least
one of the first and/or second radiation sample and/or
predetermined parameters, a robust reference image or a
reference image with permissible deviation values, on the
basis of which image acceptable deviations in the decorative
exterior within a series of containers can be taken into
account during selection of containers.

13. (Currently Amended) Device as claimed in claim
~~1~~~~one or more of the foregoing claims~~, comprising processing
means for producing, on the basis of the radiation sample or
the assessment part, a flat representation thereof.

14. (Currently Amended) Device as claimed in claim
~~13~~~~one or more of the foregoing claims~~, wherein the first
comparing means are embodied in order to compare the flat
representation to the robust reference image.

15. (Currently Amended) Device as claimed in claim
~~14~~~~one or more of the foregoing claims~~, comprising second
comparing means for comparing a recording of the second
recording means to a second reference image or robust

reference image for the purpose of detecting deviations on the decorative exterior.

16. (Currently Amended) Device as claimed in claim
~~3 one or more of the foregoing claims~~, wherein the orientation determining means determine the orientation on the basis of the recording of the second recording means.

17. (Currently Amended) Device for
~~deteetingdetermining the-a~~ possible presence of contamination of a container with a decorative exterior, ~~for instance provided with a labelling and/or relief patterns, for liquids such as a drink such as beer,~~ comprising:

—irradiating means for irradiating the container substantially from the top or the bottom with at least a first wavelength,

—recording means for recording a radiation sample of radiation after ~~it has passed~~passing through at least one wall part of the container, and

—comparing means for comparing the sample to a ~~predetermined~~ reference of the container relative to the first recording means during the recording to determine the possible presence of contamination.

18. (Cancelled).

19. (Currently Amended) Method for
~~deteetingdetermining the-a~~ possible presence of contamination of a container with a decorative exterior, ~~for instance provided with labelling and/or relief patterns, for liquids such as a drink such as beer,~~ comprising steps for:

—irradiating the container with radiation with at least a first wavelength ~~by means of irradiating means~~,

—determining the—an orientation of the container relative to a first recording meansdevice,

—recording, by means ofvia the recording means device,
a radiation sample of the radiation after the radiation ~~has~~
~~passed~~passes through at least a part of the container,

—determining the possible presence of contamination by
comparing the sample to a ~~predetermined~~ reference matching the
orientation of the container relative to the recording
meansdevice,

- approving or rejecting the container based upon the
determination.

20. (Currently Amended) Method as claimed in claim
19, comprising ~~steps for~~ determining the orientation of the
container making use of radiation comprising at least a second
wavelength, and making a recording by means ofvia a second
recording means device with a sensitivity to the second
wavelength.

21. (Currently Amended) Method as claimed in claim
19—~~or~~ 20, wherein the containers are transported by means
~~of~~via a conveyor past ~~the~~an irradiating meansdevice and the
recording meansdevice.

22. (Currently Amended) Method as claimed in ~~one or~~
~~more of the foregoing claims 19-21~~claim 19, wherein the sample
comprises an image recording and the reference comprises a
reference image.

23. (Currently Amended) Method as claimed in ~~one or~~
~~more of the foregoing claims 19-22~~claim 19, wherein two
recording meansdevices make a recording of the container at
an ~~predetermined~~ angle relative to the container.